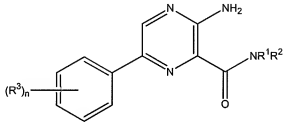
Amendments to the claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A compound of formula (I):



(I)

or a pharmaceutically acceptable salt or hydrate thereof where:

R^1 is H;

R^2 is a substituted or unsubstituted (C_6-C_8)alkyl, (C_3-C_9)cycloalkyl, (C_3-C_9)cycloalkyl(C_1-C_8)alkyl), (C_3-C_9)aryl, (C_3-C_9)aryl(C_1-C_8)alkyl, (C_3-C_9)heteroaryl, (C_3-C_9)heteroaryl(C_1-C_8)alkyl, ~~(C_6-C_8) alcohol~~, (C_6-C_8)hydroxyalkyl, (C_3-C_9)heterocyclyl, (C_3-C_9)heterocyclyl(C_1-C_8)alkyl, (C_1-C_8)alkyl(C_3-C_9)aryl, (C_1-C_8)alkylamine, (C_1-C_8)alkylamide; or R^1 and R^2 taken together with the nitrogen to which they are attached form a substituted or unsubstituted (C_3-C_9)heterocyclyl or heteroaryl;

R^3 is independently selected from the group consisting of H, (C_1-C_8)alkyl, halo, (C_1-C_8)alkoxy, (C_1-C_8)alkyl-SO_2-, cyano, and (C_1-C_8)alkylC(=O)-;

n is an integer from 0-5;

wherein "substituted" refers to one or more substitutions with a substituent selected from the group consisting of cycloalkyl, heterocyclyl, hydroxyalkyl, benzyl, carbonyl, halo, haloalkyl, perfluoroalkyl, perfluoroalkoxy, alkyl, alkenyl, alkynyl, hydroxy, oxo, mercapto, alkylthio, alkoxy, -O-(C_1-C_6)alkyl, aryl or heteroaryl, aryloxy or heteroaryloxy, aralkyl or heteroaralkyl, aralkoxy or heteroaralkoxy, HO-(C=O)-, amido, amino, alkyl- and dialkylamino, cyano, nitro, carbamoyl,

alkylcarbonyl, alkoxycarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, arylcarbonyl, aryloxycarbonyl, alkylsulfonyl, and arylsulfonyl;

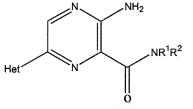
with the proviso that the compound is not 3-amino-6-phenyl-pyrazine-2-carboxylic acid butylamide or 3-amino-6-phenyl-pyrazine-2-carboxylic acid (2-hydroxy-ethyl)-amide.

Claim 2 (original): A compound of claim 1, wherein R^3 is H, bromo, chloro, cyano, methoxy, $(C_1$-$C_8)$alkyl-SO_2-, or $(C_1$-$C_8)$alkylC(=O)-.

Claim 3 (original): A compound of claim 1, wherein n is 0-4.

Claim 4 (original): A compound of claim 3, wherein n is 0-1.

Claim 5 (withdrawn): A compound of formula (II):



(II)

or a pharmaceutically acceptable salt or hydrate thereof where:

R^1 is H;

R^2 is a substituted or unsubstituted $(C_6$-$C_8)$alkyl, $(C_3$-$C_9)$cycloalkyl, (C3-C9)cycloalkyl(C1-C8)alkyl), $(C_3$-$C_9)$aryl, (C3-C9)aryl(C1-C8)alkyl, $(C_3$-$C_9)$heteroaryl, (C3-C9)heteroaryl(C1-C8) alkyl, ~~$(C_6$-$C_8)$ alcohol~~, (C1-C8)hydroxyalkyl, $(C_3$-$C_9)$heterocyclyl, (C3-C9)heterocyclyl(C1-C8)alkyl, $(C_1$-$C_8)$alkyl$(C_3$-$C_9)$aryl, $(C_1$-$C_8)$alkylamine, $(C_1$-$C_8)$alkylamide; or R^1 and R^2 taken together with the nitrogen to which they are attached form a substituted or unsubstituted $(C_3$-$C_9)$heterocyclyl or heteroaryl;

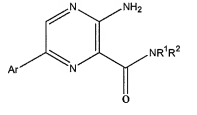
Het is a substituted or unsubstituted heterocyclyl or heteroaryl group containing at least one heteroatom selected from N, O and S;

wherein "substituted" refers to one or more substitutions with a substituent selected from the group consisting of cycloalkyl, heterocyclyl, hydroxyalkyl, benzyl, carbonyl, halo, haloalkyl, perfluoroalkyl, perfluoroalkoxy, alkyl, alkenyl, alkynyl, hydroxy, oxo, mercapto, alkylthio, alkoxy, -O-(C_1-C_6)alkyl, aryl or heteroaryl, aryloxy or heteroaryloxy, aralkyl or heteroaralkyl, aralkoxy or heteroaralkoxy, HO-(C=O)-, amido, amino, alkyl- and dialkylamino, cyano, nitro, carbamoyl, alkylcarbonyl, alkoxycarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, arylcarbonyl, aryloxycarbonyl, alkylsulfonyl, and arylsulfonyl.

Claim 6 (withdrawn): A compound of claim 5, wherein Het is a substituted or unsubstituted (C_5-C_{10})heterocyclyl or heteroaryl group containing at least one heteroatom selected from N, O and S.

Claim 7 (withdrawn): A compound of claim 6, wherein Het is a substituted or unsubstituted furanyl, thienyl, pyridyl, or benzofuranyl group.

Claim 8 (withdrawn): A compound of formula (III):



(III)

or a pharmaceutically acceptable salt or hydrate thereof where:

R^1 is H;

R^2 is a substituted or unsubstituted (C_1-C_8)alcohol;

Ar is a substituted or unsubstituted (C_3-C_9)aryl group;

wherein "substituted" refers to one or more substitutions with a substituent selected from the group consisting of cycloalkyl, heterocyclyl, hydroxyalkyl, benzyl, carbonyl, halo, haloalkyl, perfluoroalkyl, perfluoroalkoxy, alkyl, alkenyl, alkynyl, hydroxy, oxo, mercapto, alkylthio, alkoxy, -O-(C_1-C_6)alkyl, aryl or heteroaryl, aryloxy or heteroaryloxy, aralkyl or heteroaralkyl, aralkoxy or

heteroaralkoxy, HO-(C=O)-, ester, amido, ether, amino, alkyl- and dialkylamino, cyano, nitro, carbamoyl, alkylcarbonyl, alkoxycarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, arylcarbonyl, aryloxycarbonyl, alkylsulfonyl, and arylsulfonyl;
with the proviso that the compound is not 3-amino-6-phenyl-pyrazine-2-carboxylic acid butylamide or 3-amino-6-phenyl-pyrazine-2-carboxylic acid (2-hydroxy-ethyl)-amide.

Claim 9 (withdrawn): A compound of claim 8, wherein R^2 is a substituted or unsubstituted $(C_1\text{-}C_5)$alcohol.

Claim 10 (withdrawn): A compound of claim 9, wherein R^2 is a substituted or unsubstituted $(C_3\text{-}C_5)$alcohol.

Claim 11 (withdrawn): A compound of claim 8, wherein Ar is a substituted or unsubstituted naphthyl group.

Claim 12 (withdrawn): A pharmaceutical composition comprising a compound of any one of claims 1-11 and a pharmaceutically acceptable carrier.

Claim 13 (withdrawn): A method of preventing or treating a TGF-related disease state in a mammal (animal or human) comprising the step of administering a therapeutically effective amount of a compound of any one of claims 1-11 to the animal or human suffering from the TGF-related disease state.

Claim 14 (withdrawn): A method of claim 13, wherein said TGF-related disease state is selected from the group consisting of cancer, glomerulonephritis, diabetic nephropathy, hepatic fibrosis, pulmonary fibrosis, intimal hyperplasia and restenosis, scleroderma, and dermal scarring.

Claim 15 (currently amended): A compound of claim 1 wherein
R^2 is a substituted or unsubstituted $(C_1\text{-}C_8)$alkyl$(C_3\text{-}C_9)$aryl;

R^3 is independently selected from the group consisting of H, $(C_1$-$C_8)$alkyl, halo, $(C_1$-$C_8)$alkoxy, $(C_1$-$C_8)$alkyl-SO_2-, cyano, and $(C_1$-$C_8)$alkylC(=O)-; and

n is 0-4;

wherein "substituted" refers to one or more substitutions with a substituent selected from the group consisting of cycloalkyl, heterocyclyl, hydroxyalkyl, benzyl, carbonyl, halo, haloalkyl, perfluoroalkyl, perfluoroalkoxy, alkyl, alkenyl, alkynyl, hydroxy, oxo, mercapto, alkylthio, alkoxy, -O-$(C_1$-$C_6)$alkyl, aryl or heteroaryl, aryloxy or heteroaryloxy, aralkyl or heteroaralkyl, aralkoxy or heteroaralkoxy, HO-(C=O)-, amido, amino, alkyl- and dialkylamino, cyano, nitro, carbamoyl, alkylcarbonyl, alkoxycarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, arylcarbonyl, aryloxycarbonyl, alkylsulfonyl, and arylsulfonyl.

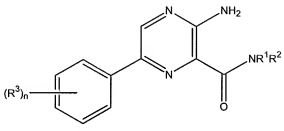
Claim 16 (previously presented): A compound of claim 15, where R^3 is independently selected from the group consisting of H, or bromo, chloro, and methoxy.

Claim 17 (currently amended): A compound of claim 16 wherein n=0 and R^2 is an unsubstituted $(C_1$-$C_8)$alkyl$(C_3$-$C_9)$aryl;
wherein "substituted" refers to one or more substitutions with a substituent selected from the group consisting of cycloalkyl, heterocyclyl, hydroxyalkyl, benzyl, carbonyl, halo, haloalkyl, perfluoroalkyl, perfluoroalkoxy, alkyl, alkenyl, alkynyl, hydroxy, oxo, mercapto, alkylthio, alkoxy, -O-$(C_1$-$C_6)$alkyl, aryl or heteroaryl, aryloxy or heteroaryloxy, aralkyl or heteroaralkyl, aralkoxy or heteroaralkoxy, HO-(C=O)-, amido, amino, alkyl- and dialkylamino, cyano, nitro, carbamoyl, alkylcarbonyl, alkoxycarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, arylcarbonyl, aryloxycarbonyl, alkylsulfonyl, and arylsulfonyl.

Claim 18 (previously presented): A compound of claim 17 wherein said $(C_1$-$C_8)$alkyl$(C_3$-$C_9)$aryl is CH_2 phenyl.

Claim 19 (previously presented): The compound 3-amino-6-phenyl-pyrazine-2-carboxylic acid benzylamide.

Claim 20 (currently amended): A compound of formula (I):



(I)

or a pharmaceutically acceptable salt or hydrate thereof where:

R^1 is H;

R^2 is a substituted or unsubstituted $(C_6$-$C_8)$alkyl, $(C_3$-$C_9)$cycloalkyl, $(C_3$-$C_9)$cycloalkyl$(C_1$-$C_8)$alkyl), $(C_3$-$C_9)$aryl, $(C_3$-$C_9)$aryl$(C_1$-$C_8)$alkyl, $(C_3$-$C_9)$heteroaryl, $(C_3$-$C_9)$heteroaryl$(C_1$-$C_8)$ alkyl, ~~$(C_6$-$C_8)$ alcohol~~, $(C_1$-$C_8)$hydroxyalkyl, $(C_3$-$C_9)$heterocyclyl, $(C_3$-$C_9)$heterocyclyl$(C_1$-$C_8)$alkyl, $(C_1$-$C_8)$alkyl$(C_3$-$C_9)$aryl, $(C_1$-$C_8)$alkylamine, $(C_1$-$C_8)$alkylamide; or R^1 and R^2 taken together with the nitrogen to which they are attached form a substituted or unsubstituted $(C_3$-$C_9)$heterocyclyl or heteroaryl;

R^3 is independently selected from the group consisting of $(C_1$-$C_8)$alkyl, halo, $(C_1$-$C_8)$alkoxy, $(C_1$-$C_8)$alkyl-SO_2-, cyano, and $(C_1$-$C_8)$alkylC(=O)-;

n is an integer from 1-5;

wherein "substituted" refers to one or more substitutions with a substituent selected from the group consisting of cycloalkyl, heterocyclyl, hydroxyalkyl, benzyl, carbonyl, halo, haloalkyl, perfluoroalkyl, perfluoroalkoxy, alkyl, alkenyl, alkynyl, hydroxy, oxo, mercapto, alkylthio, alkoxy, -O-$(C_1$-$C_6)$alkyl, aryl or heteroaryl, aryloxy or heteroaryloxy, aralkyl or heteroaralkyl, aralkoxy or heteroaralkoxy, HO-(C=O)-, amido, amino, alkyl- and dialkylamino, cyano, nitro, carbamoyl, alkylcarbonyl, alkoxycarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, arylcarbonyl, aryloxycarbonyl, alkylsulfonyl, and arylsulfonyl;

~~with the proviso that the compound is not 3-amino-6-phenyl-pyrazine-2-carboxylic acid butylamide or 3-amino-6-phenyl-pyrazine-2-carboxylic acid (2-hydroxy-ethyl)-amide~~.